




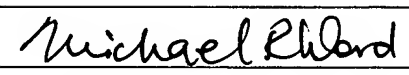
IFW

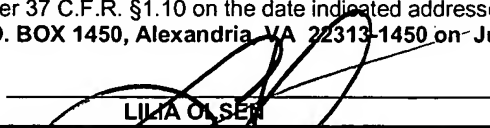
Please type a plus sign inside this box 

PTO/SB/21 (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

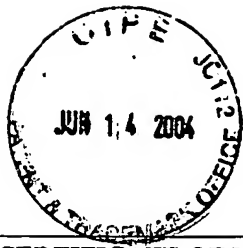
TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/701,990
	Filing Date	Novmeber 4, 2003
	First Named Inventor	Marc K. HELLERSTEIN
	Group Art Unit	1645
	Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	4 + 1 ref	Attorney Docket Number 416272005200

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement- 3 pgs <input checked="" type="checkbox"/> PTO-1449 - 1 pg w/1 reference attached <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below) RETURN RECEIPT POSTCARD
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual Name	Michael R. Ward (Reg. No. 38,651) CUSTOMER NO. 20872
Signature	
Date	June 9, 2004

CERTIFICATE OF MAILING BY "EXPRESS MAIL"
I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated addressed to: MAIL STOP: AMENDMENT, Commissioner for Patents, P.O. BOX 1450, Alexandria, VA 22313-1450 on June 9, 2004.
 LILIA O. SERRANO

SF-1646337



PATENT
Docket No. 416272005200

CERTIFICATE OF MAILING BY "FIRST CLASS MAIL"

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope with sufficient postage addressed to: **MAIL STOP: AMENDMENT, Commissioner for Patents, P.O. BOX 1450, Alexandria, VA 22313-1450** on June 14, 2004.

Lilia Olsen

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Marc K. HELLERSTEIN

Serial No.: 10/701,990

Filing Date: November 4, 2003

For: DEUTERATED GLUCOSE OR FAT
TOLERANCE TESTS FOR HIGH-THROUGHPUT
MEASUREMENT OF THE METABOLISM OF
SUGARS OR FATTY ACIDS IN THE BODY

Examiner: Not Yet Assigned

Group Art Unit: 1645

**SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98**

MAIL STOP: AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the document listed on the attached Form PTO-1449. Copy of the document is also submitted herewith. The Examiner is requested to make this document of record.

This Supplemental Information Disclosure Statement is submitted:

- ☐ With the application; accordingly, no fee or separate requirements are required.
- ☒ **Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required.**
- ☐ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
 - ☐ A fee is required. A check in the amount of * is enclosed.
 - ☐ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly, no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a check in the amount of * is enclosed.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below and a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Supplemental Information Disclosure Statement under 37 C.F.R. § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist;

(iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

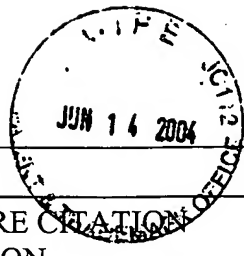
In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing 416272005200. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: June 09, 2004

Respectfully submitted,

By: Michael R. Ward
Michael R. Ward
Registration No. 38,651

Morrison & Foerster LLP
425 Market Street
San Francisco, California 94105-2482
Telephone: (415) 268-6237
Facsimile: (415) 268-7522



Form PTO-1449	Docket Number 416272005200	Application Number 10/701,990
INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Applicant Marc K. HELLERSTEIN	
(Use several sheets if necessary)	Filing Date November 4, 2003	Group Art Unit 1645
	Mailing Date June 9, 2004	

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	1.	Hellerstein, Marc K. "In Vivo Measurement of Fluxes Through Metabolic Pathways: The Missing Link in Functional Genomics and Pharmaceutical Research" <i>Annu. Rev. Nutr.</i> 23: 379-402, March 2003.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.